

Emission Summary

Permit Number: 970681P

Source Status: New ☒ Modification ☐ Expansion ☐ Relocation ☐ **Permit Status:** New ☒ Renewal ☐

PSD ☐ NSPS ☒ NESHAPs ☒ **Previous Permit Number:** Construction _____ Operating _____.

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
TSP	Negl.	Negl.	0.017	Negl.	Negl.	0.004			5	40 CFR §60.4205(b)
CO			0.33			0.08			5	40 CFR §60.4205(b)
NMHC +NO _x			0.44			0.11			5	40 CFR §60.4205(b)
SO ₂			0.1			0.018			5	14-.03(5), AP-42 Table 3.3.1

* - Source of data

PERMITTING PROGRAM: JWBa DATE: October 5, 2015

CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: TVA - Norton Hill Microwave Station File Number: 57-0404 EPS Initials: JWBa

Permit Number(s): 970681P Source Point Number(s): -02

Application Received (date): August 4, 2015 Application Complete (date): August 4, 2015

Air Quality Analysis Performed? Yes ☐ No ☒

Briefly describe the project: (new source, modifications) (what the process is) (type controls proposed) (emissions expected, qualitative) (replacing what sources) (background information)

This operation consists of one diesel-fueled emergency generator, 36 Hp. It will regularly operate only for maintenance and testing purposes. PM, CO, SO₂, NO_x, and VOC are emitted by this source.

Rules Analysis

Title V ☐ Cond. Major ☐ Minor ☒ Source category listed in 1200-3-9-.01(4)(b)1.(i)? Yes ☐ No ☒

Reason for PSD:	New source above ____ TPY <input type="checkbox"/>	Sig. increase in ____ emissions <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NSPS:	40 CFR Part 60, Subpart <u>III</u> <input checked="" type="checkbox"/>	State Rule 1200-3-16-____ <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 61, Subpart ____ <input type="checkbox"/>	State Rule 1200-3-11-____ <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
“ “	40 CFR Part 63, Subpart <u>zzzz</u> <input checked="" type="checkbox"/>	State Rule 1200-3-31-____ <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Other Applicable State Rules

TSP Emissions:	1200-03-____ <input type="checkbox"/> N/A <input type="checkbox"/>	NO _x Emissions:	1200-03-____ <input type="checkbox"/> N/A <input type="checkbox"/>
SO ₂ Emissions:	1200-03-14-.03(5) <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Lead Emissions:	1200-3-____-.____ <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
CO Emissions:	1200-03-____ <input type="checkbox"/> N/A <input type="checkbox"/>	____ Emissions:	1200-3-____-.____ <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
VOC Emissions:	1200-03-____ <input type="checkbox"/> N/A <input type="checkbox"/>	____ Emissions:	1200-3-____-.____ <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

Visible Emissions from this Source not to exceed 20 % opacity per Method 9 (Rule 1200-03-05-.03(6))